

SMERF TWO DEPARTURE (RNAV)

SL-264 (FAA)

MINNEAPOLIS, MINNESOTA

ATIS DEP 120.8

CLNC DEL

133.2

MINNEAPOLIS TOWER

123.95 273.55 (12L-30R)

126.7 273.55 (12R-30L, 4-22)

123.675 273.55 (17-35)

MINNEAPOLIS DEP CON

SOUTH or EAST 124.7 357.4

NORTH or WEST 125.75 357.4

TAKE-OFF MINIMUMS:

Rwy 4, 22, 12L, 12R, 17: Standard.

Rwy 35: Standard with minimum climb of 219' per NM to 2100.

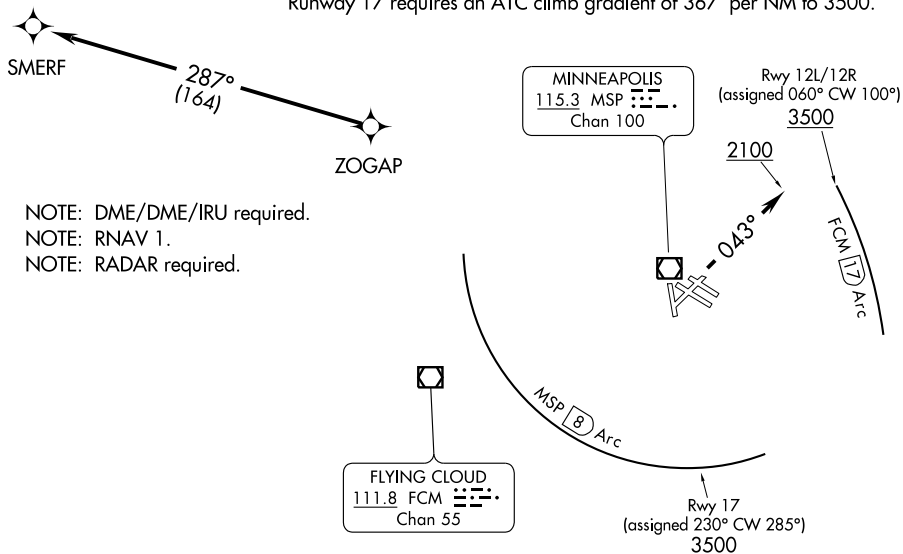
Rwy 30L: Standard with minimum climb of 210 feet per NM to 2100.

Rwy 30R: Standard with minimum climb of 220 feet per NM to 2100.

DEPARTURE CROSSING RESTRICTIONS:

Runway 12L/R requires an ATC climb gradient of 504' per NM to 3500.

Runway 17 requires an ATC climb gradient of 367' per NM to 3500.



NOTE: Chart not to scale.

(NOTES CONTINUED ON FOLLOWING PAGE)



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 4: Climb heading 043° to 2100. Thence....

TAKE-OFF RUNWAYS 12L/12R: Initially assigned heading 060° clockwise to 100°, cross FCM VOR/DME 17 DME Arc at or above 3500, maintain assigned altitude. If unable to comply, advise ATC as soon as possible prior to departure. Thence....

TAKE-OFF RUNWAY 17: Initially assigned heading 230° clockwise to 285°, cross MSP VOR/DME 8 DME Arc at or above 3500, maintain assigned altitude. If unable to comply, advise ATC as soon as possible prior to departure. Thence....

TAKE-OFF RUNWAYS 22, 35, 30L/R: Climb on assigned heading for radar vectors. Thence....

....expect radar vectors to ZOGAP, then via 287° track to SMERF. Turbojet aircraft maintain 7000 or lower assigned altitude, all other aircraft maintain 5000 or lower assigned altitude. Expect filed altitude/flight level 10 minutes after departure.